

FIG. 1

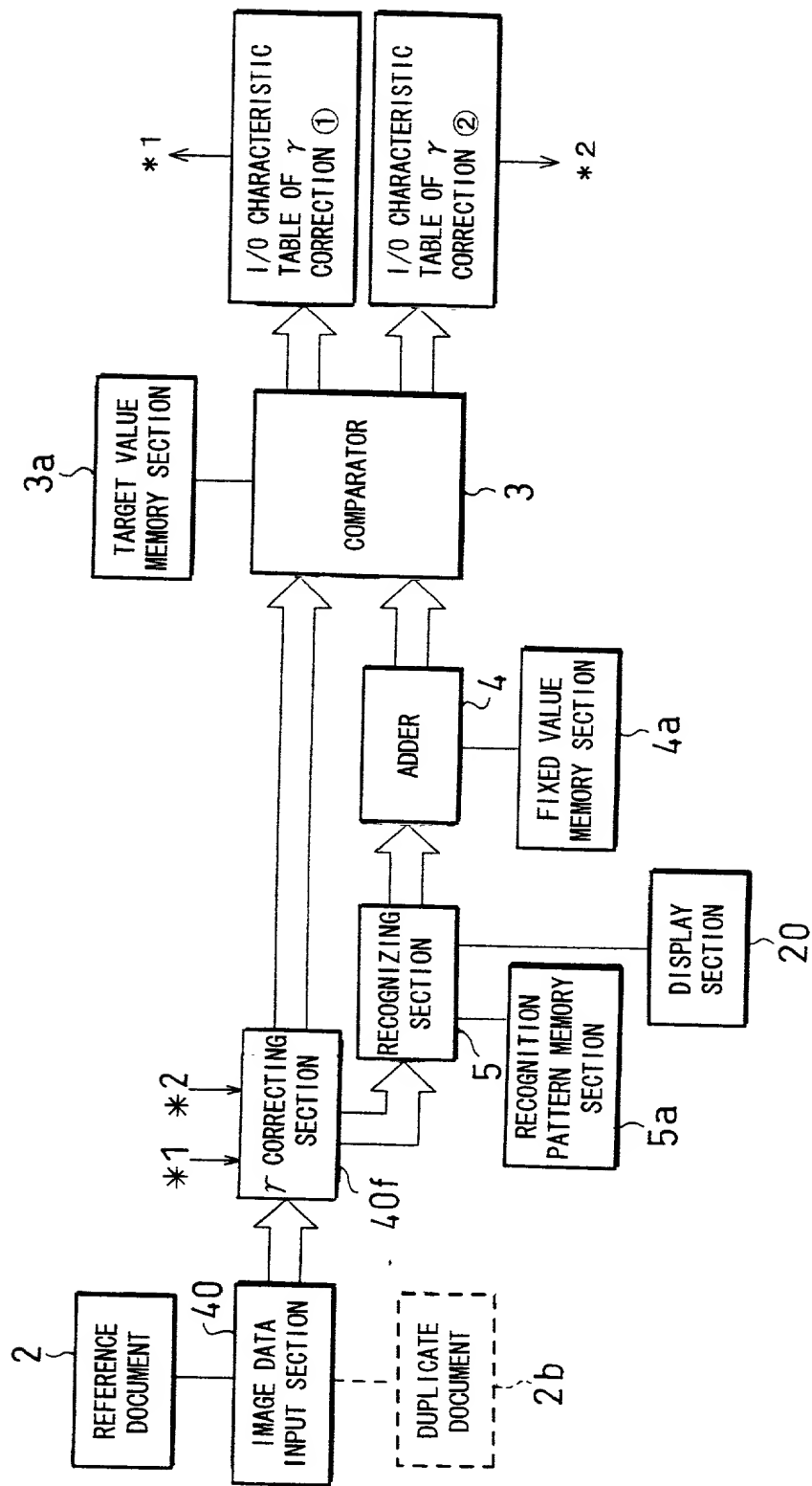


Figure 1 shows the results of the first two steps of the analysis. The first step, a principal component analysis (PCA), identified three principal components (PCs) that accounted for 80% of the variance in the data. The second step, a cluster analysis, identified three clusters of variables. The first cluster, labeled 'Cluster 1', contained variables related to the physical environment (e.g., temperature, humidity, and air quality). The second cluster, labeled 'Cluster 2', contained variables related to the social environment (e.g., social support, social network, and social capital). The third cluster, labeled 'Cluster 3', contained variables related to the psychological environment (e.g., stress, anxiety, and depression). The results of the third step, a regression analysis, showed that the three clusters of variables were significant predictors of the outcome variable, with Cluster 1 accounting for 35% of the variance, Cluster 2 accounting for 25%, and Cluster 3 accounting for 20%.

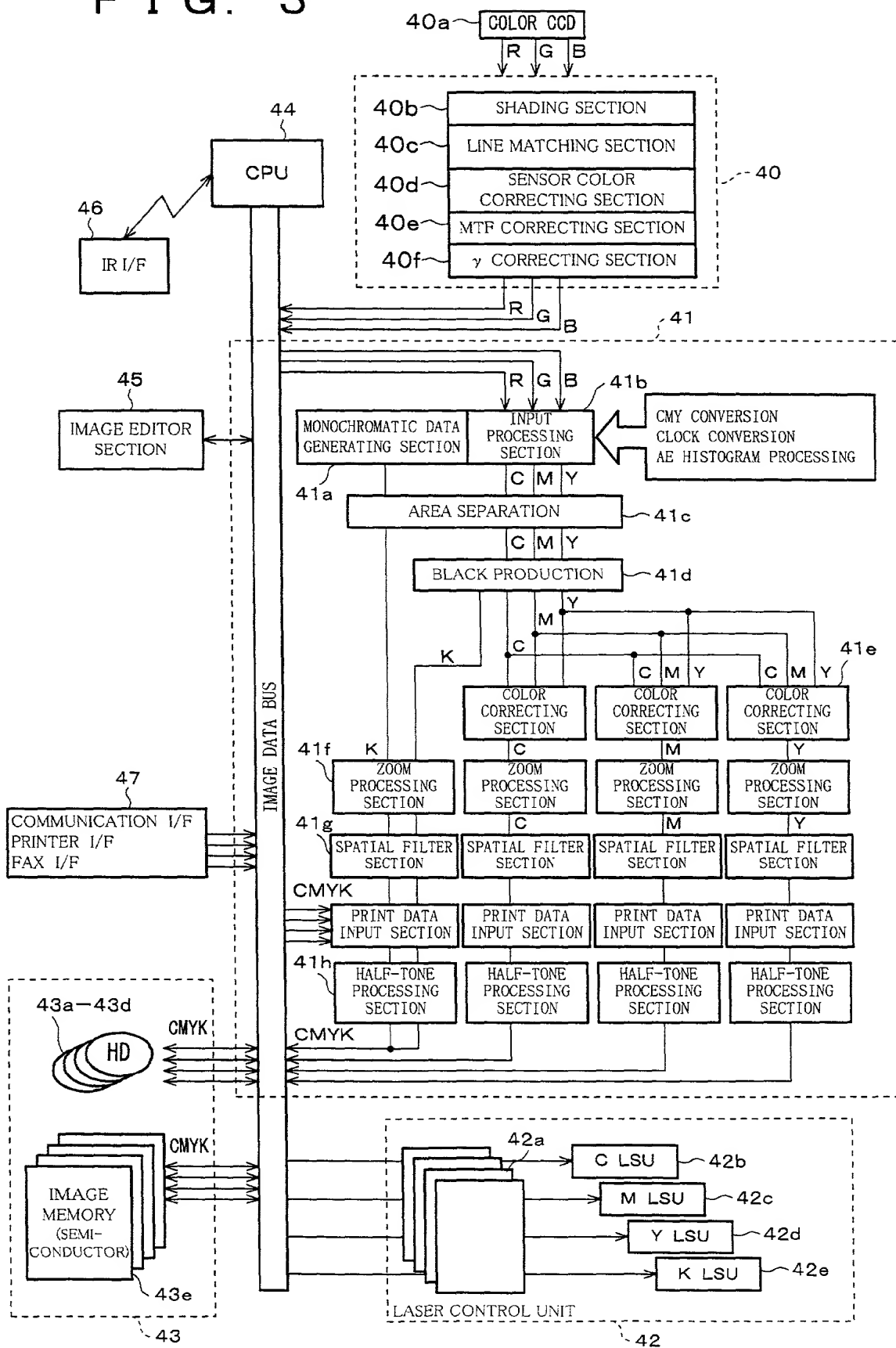


FIG. 4

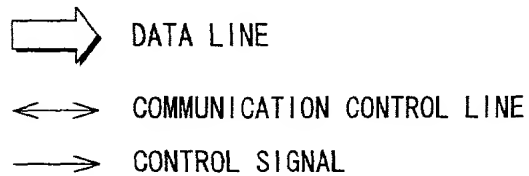
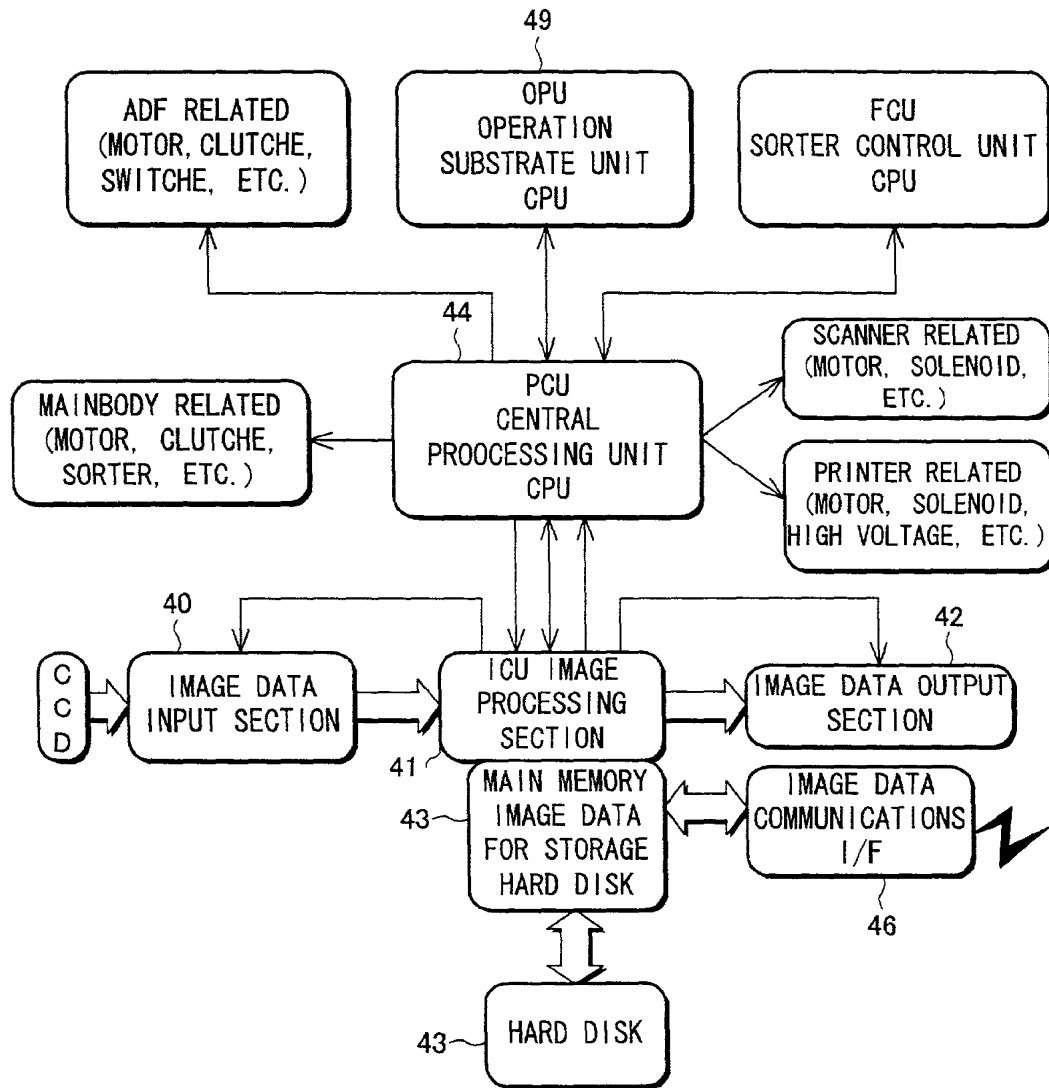


FIG. 5

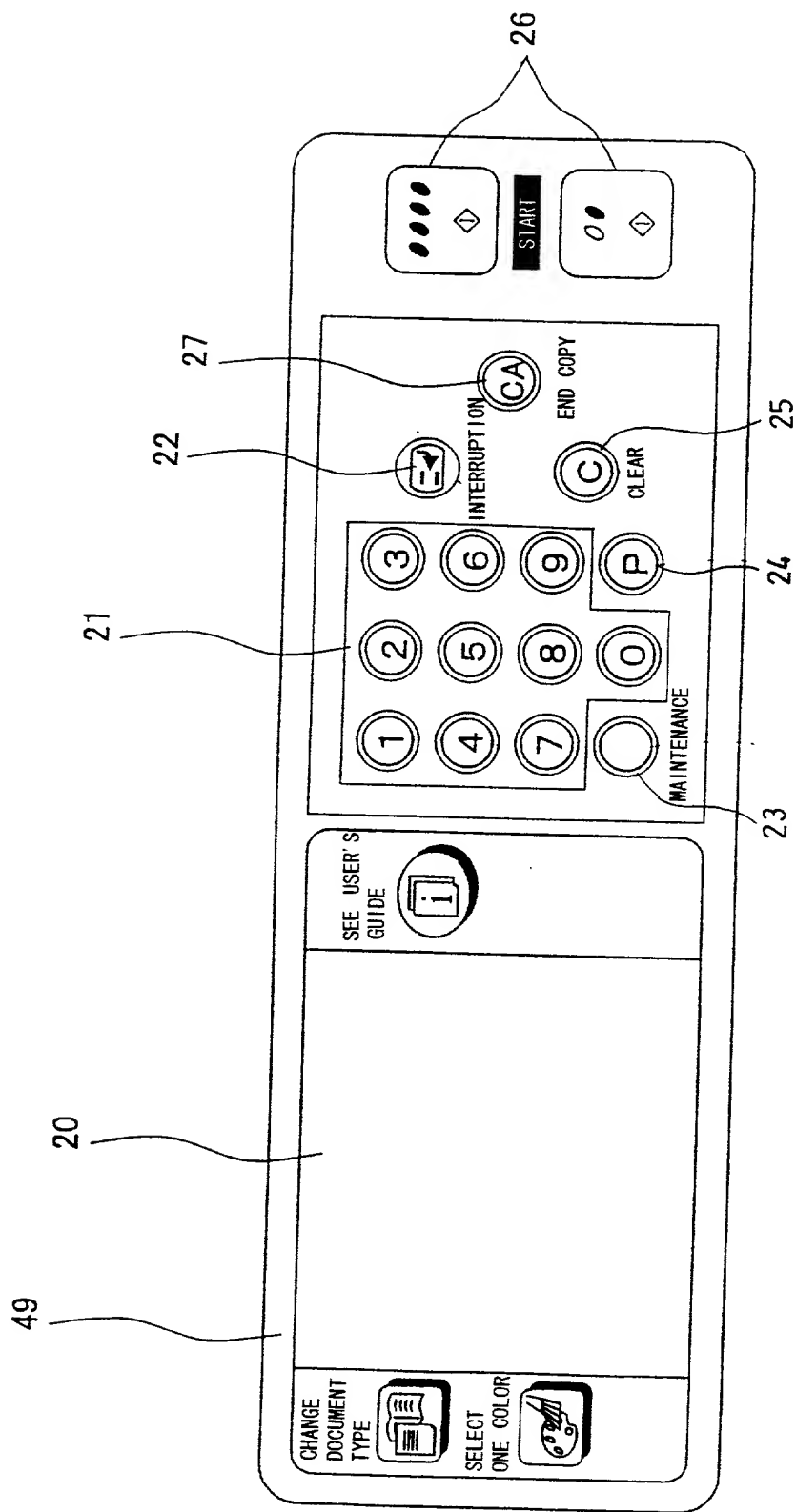


FIG. 6

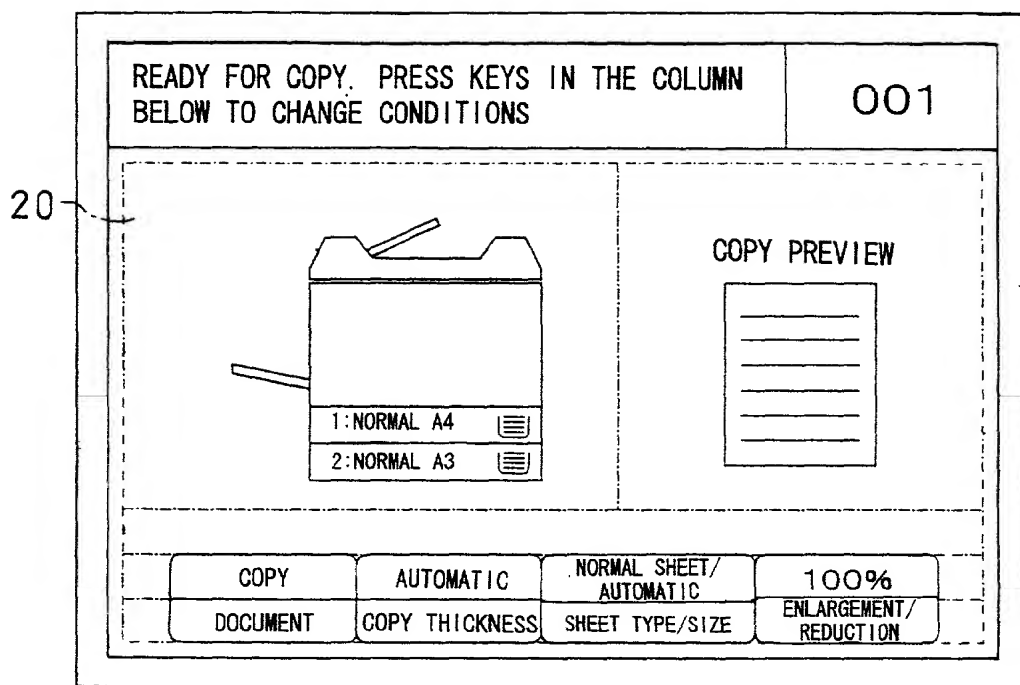
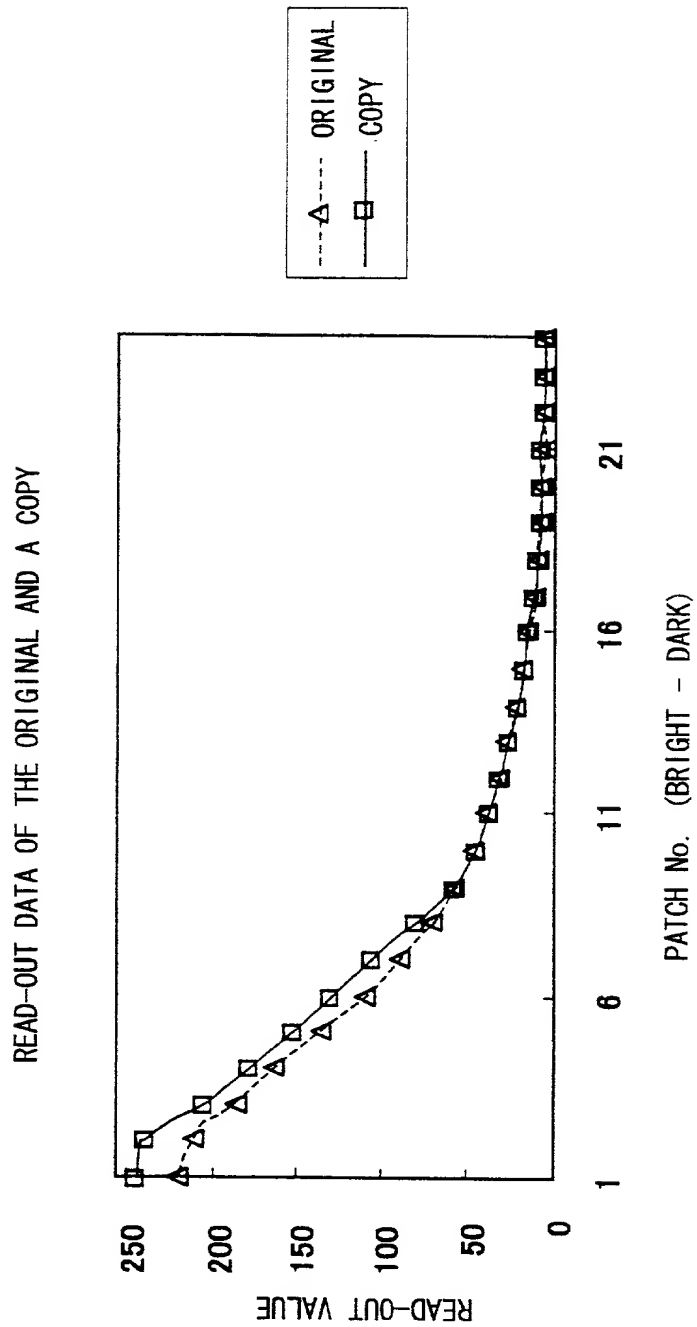


FIG. 7



F I G. 8

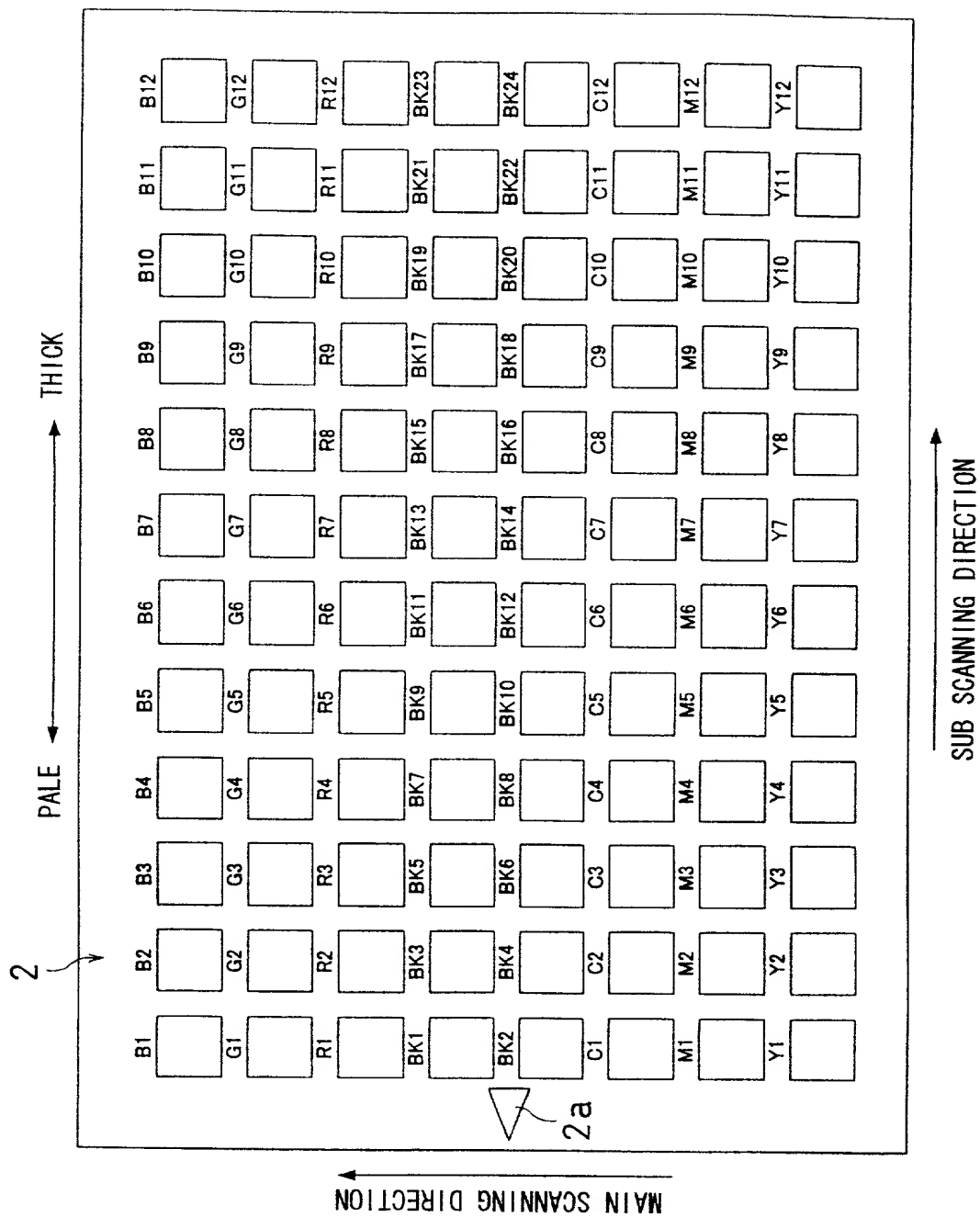


FIG. 9

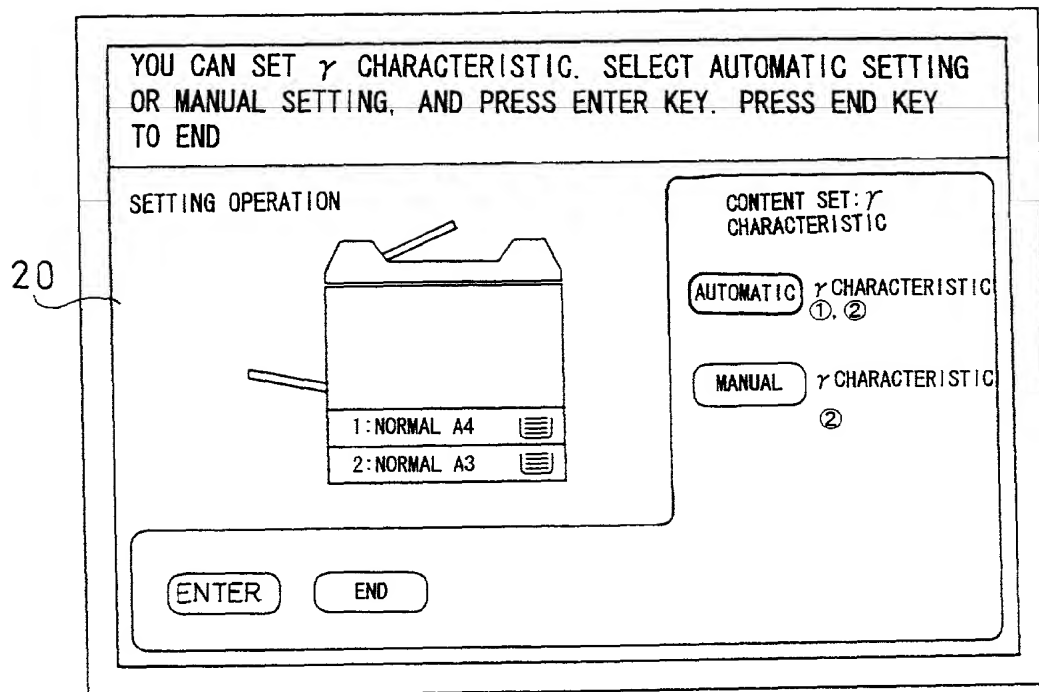


FIG. 10

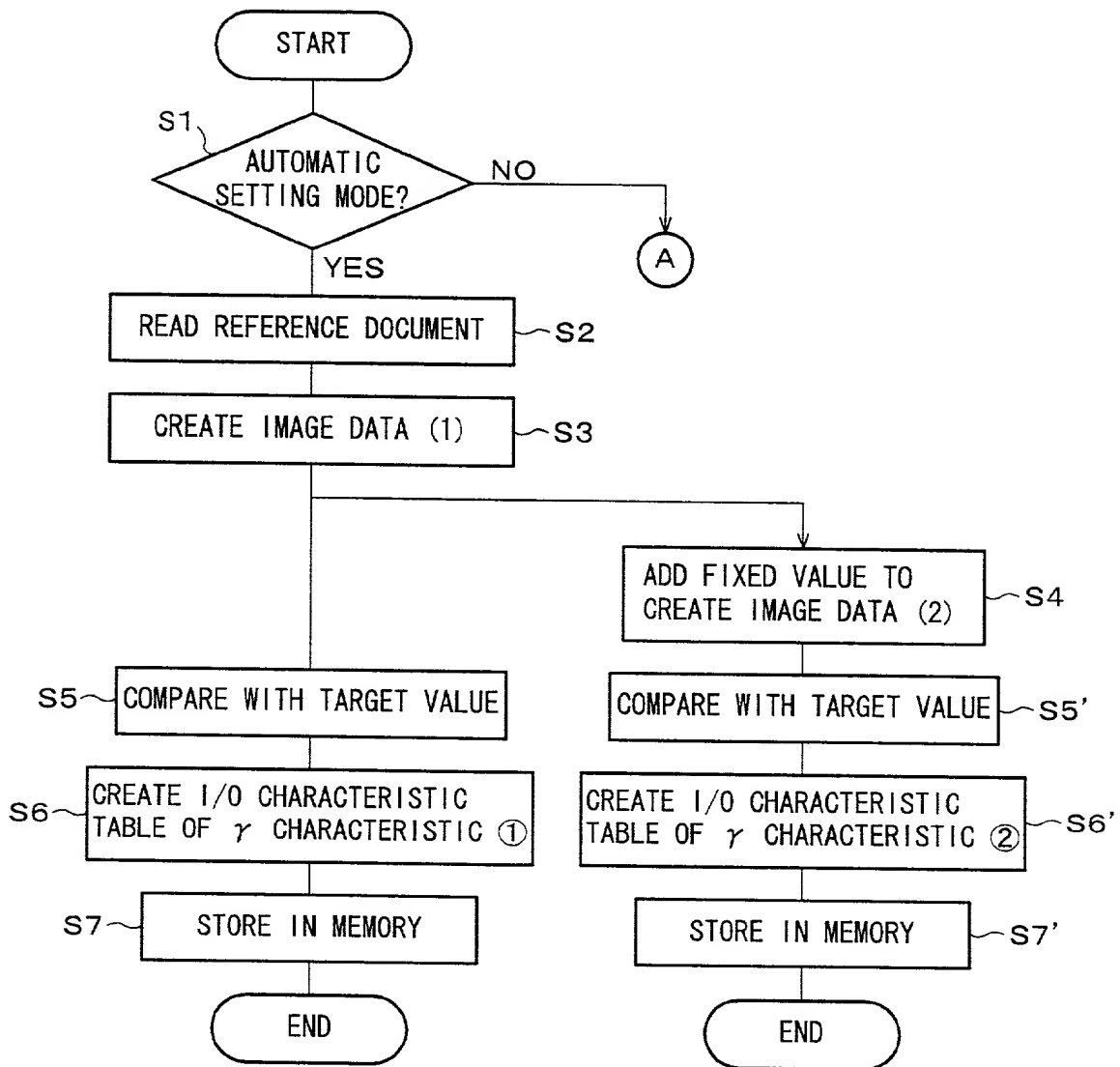


FIG. 11

(R COMPONENT)						
PATCH No.	READ VALUE RX _i	FIXED VALUE RC _i	PREDICTED VALUE RX' _i	TARGET VALUE RR _i		
BK1	RX1	RC1	RX' 1	RR1		
BK2	RX2	RC2	RX' 2	RR2		
BK3	RX3	RC3	RX' 3	RR3		
BK4	PATCH No.	READ VALUE GX _i	FIXED VALUE GC _i	PREDICTED VALUE GX' _i	TARGET VALUE GR _i	(G COMPONENT)
BK5						
BK6	BK1	GX1	GC1	GX' 1	GR1	
BK7	BK2	GX2	GC2	GX' 2	GR2	
BK8	BK3	GX3	GC3	GX' 3	GR3	
.	BK4	PATCH No.	READ VALUE BX _i	FIXED VALUE BC _i	PREDICTED VALUE BX' _i	TARGET VALUE BR _i
	BK5					
	BK6	BK1	BX1	BC1	BX' 1	BR1
	BK7	BK2	BX2	BC2	BX' 2	BR2
BK20	BK8	BK3	BX3	BC3	BX' 3	BR3
BK21	.	BK4	BX4	BC4	BX' 4	BR4
BK22		BK5	BX5	BC5	BX' 5	BR5
BK23		BK6	BX6	BC6	BX' 6	BR6
BK24		BK7	BX7	BC7	BX' 7	BR7
	BK20	BK8	BX8	BC8	BX' 8	BR8
	BK22	.	.	.	.	.
	BK23	.	.	.	.	.
	BK24	.	.	.	.	.
		BK20	BX20	BC20	BX' 20	BR20
		BK21	BX21	BC21	BX' 21	BR21
		BK22	BX22	BC22	BX' 22	BR22
		BK23	BX23	BC23	BX' 23	BR23
		BK24	BX24	BC24	BX' 24	BR24

FIG. 11

FIG. 12

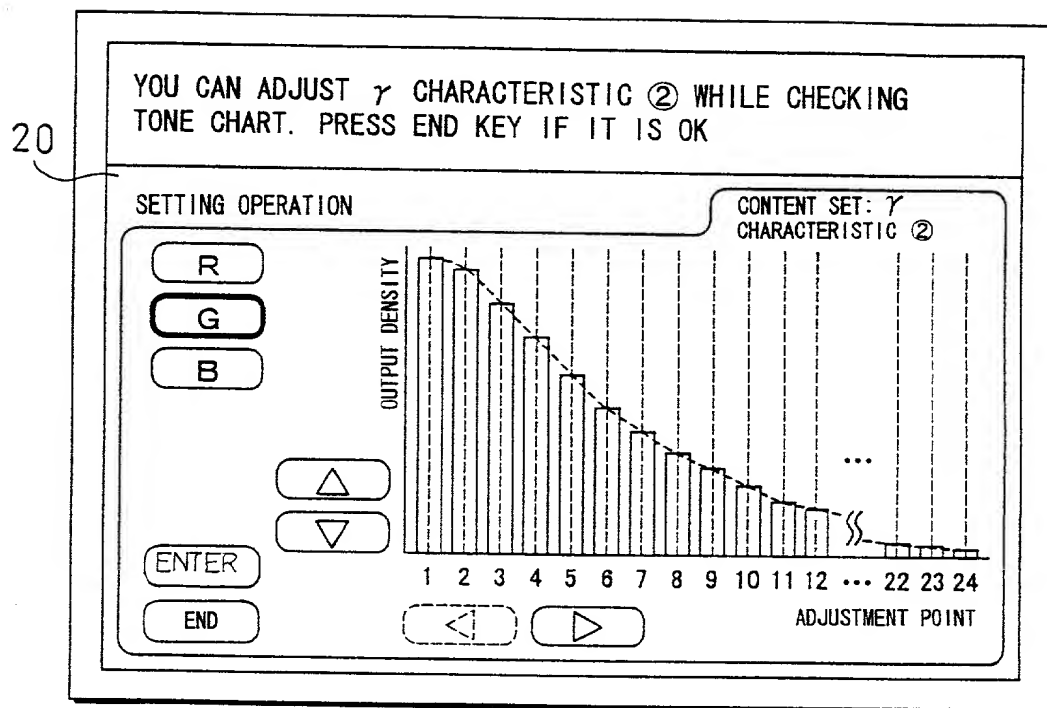


FIG. 13

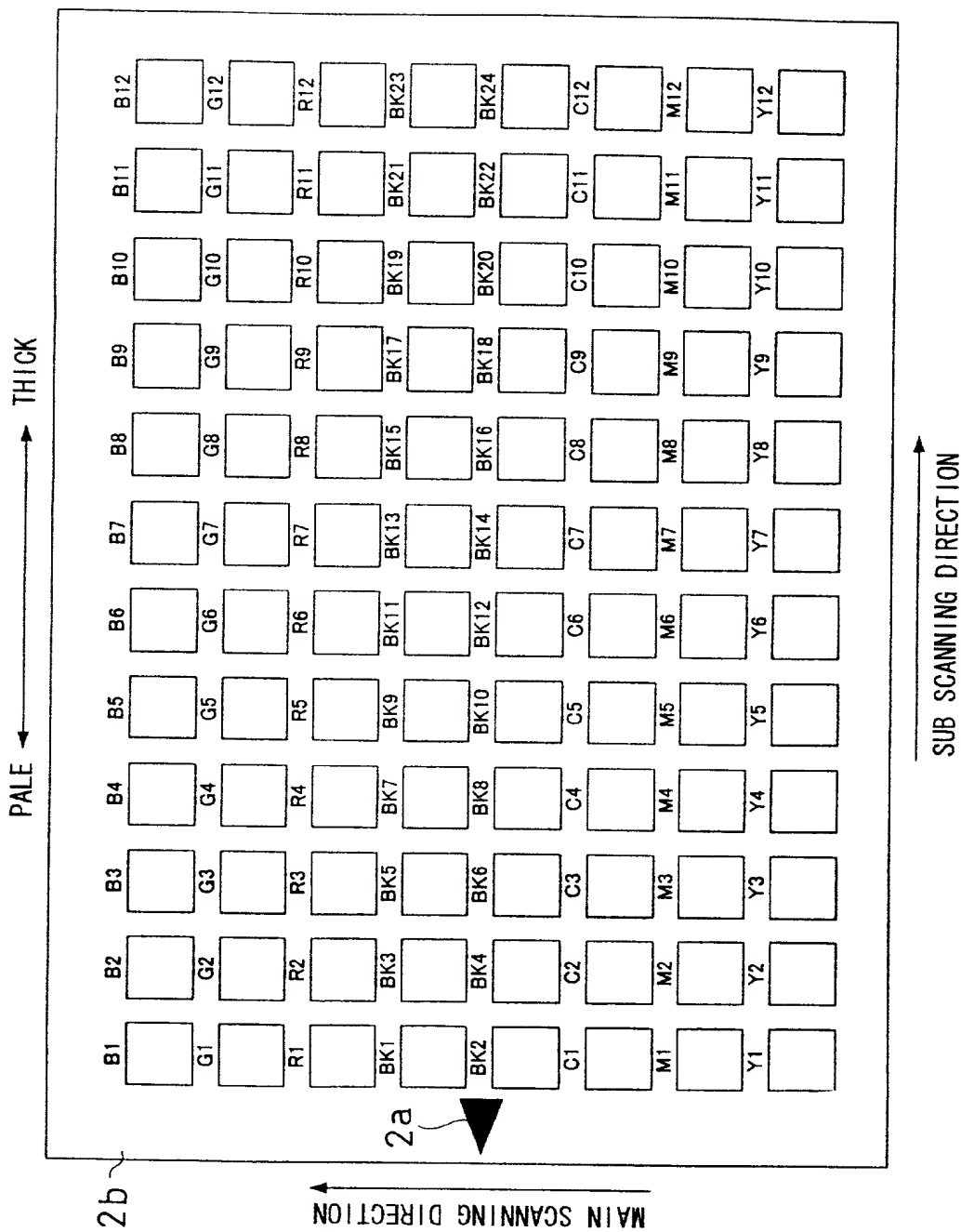


FIG. 14

